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(54) ELECTROPHOTOGRAPHIC COLOR TONER, DEVELOPER AND METHOD FOR FORMATION OF IMAGE

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a toner which maintains good fixing performance even for copying at a high speed and which satisfies the cleaning property for a long time without decreasing the life of an electrostatic charge image carrying body or the like by controlling the coefft. of friction to a specified range before stress is added and controlling the difference in the coefft. of friction to a specified value or smaller between before and after stress is added.

SOLUTION: This electrophotographic color toner consists of a binder resin, a coloring agent and a wax, and the add amt. of the wax to the toner is 3 to 10 wt.%. Before stress is added, namely, before the toner is used, it has 0.35 to 0.75 coefft. of friction. If the coefft. of friction is less than 0.35, the cleaning property decreases, and if it is larger than 0.75, problems such as turning of a blade are caused. The difference in the coefft. of friction of the boner between before and after the stress is added is specified to <0.15. If the difference is larger than 0.15, the toner passes through the cleaning blade to cause cleaning failure.

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